Problem Assessment
Columbia/Snake River Temperature TMDL
Preliminary Draft 11/04/02
Figures

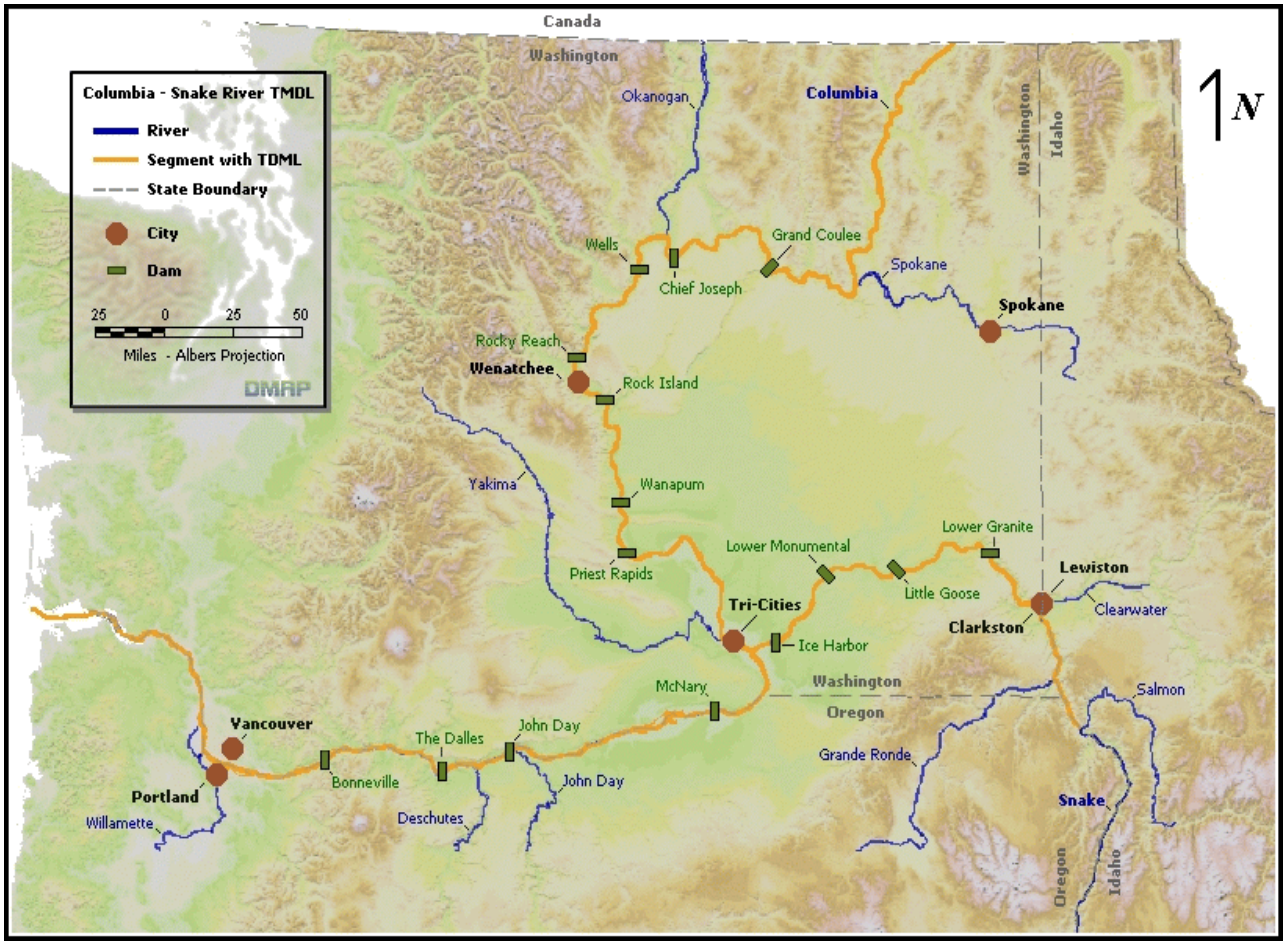

Figure 1-1. The Columbia and Snake rivers in the study area.

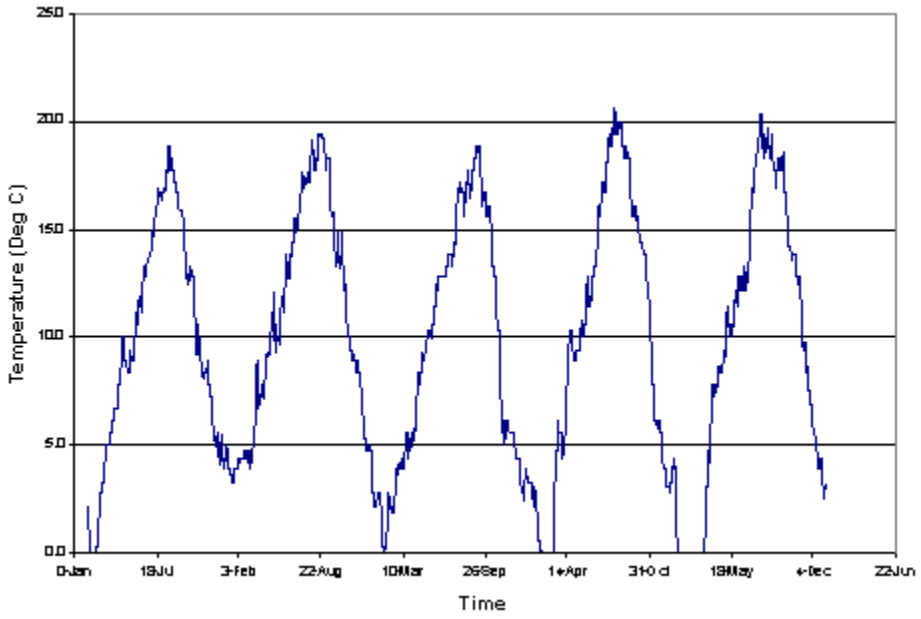

Figure 3-1. Water temperature in the scroll case of Rock Island Dam 1933-1937**.**

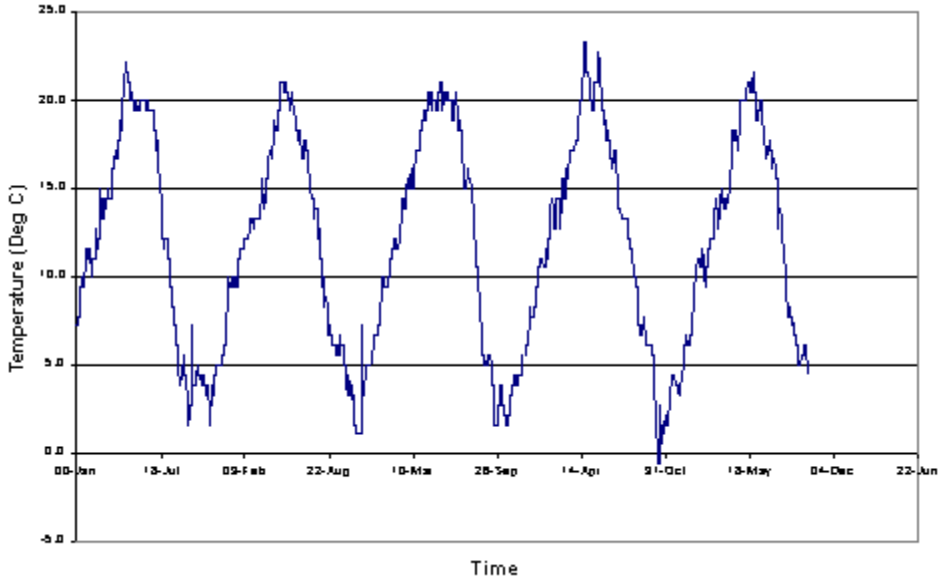

Figure 3-2. Water temperature at the scroll case of Bonneville Dam 1938-1942**.**

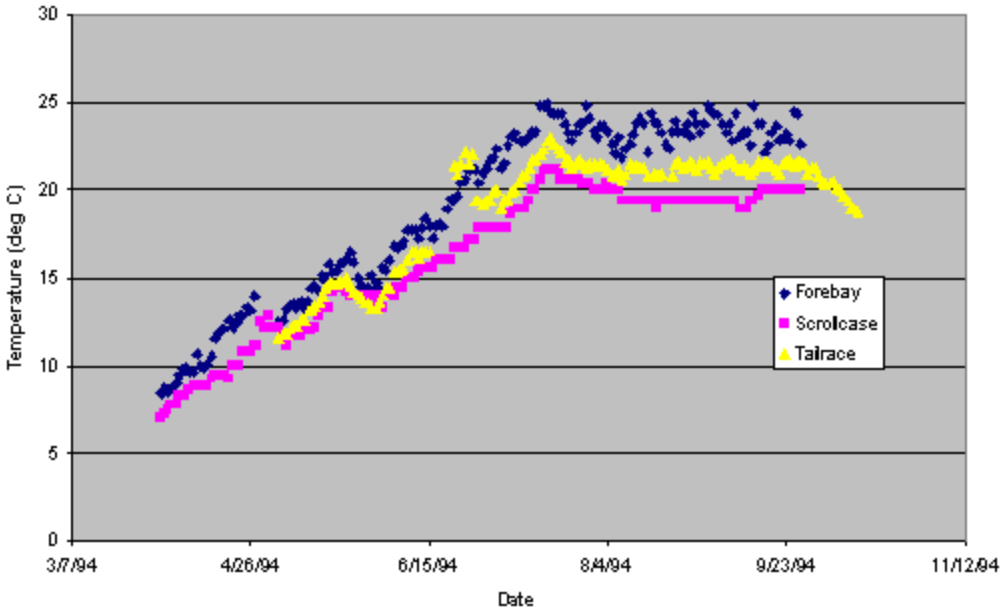

Figure 3-3. Comparison of daily water tTemperature measured at the fore bay, scroll case and tail race at Ice Harbor Dam in 1994.

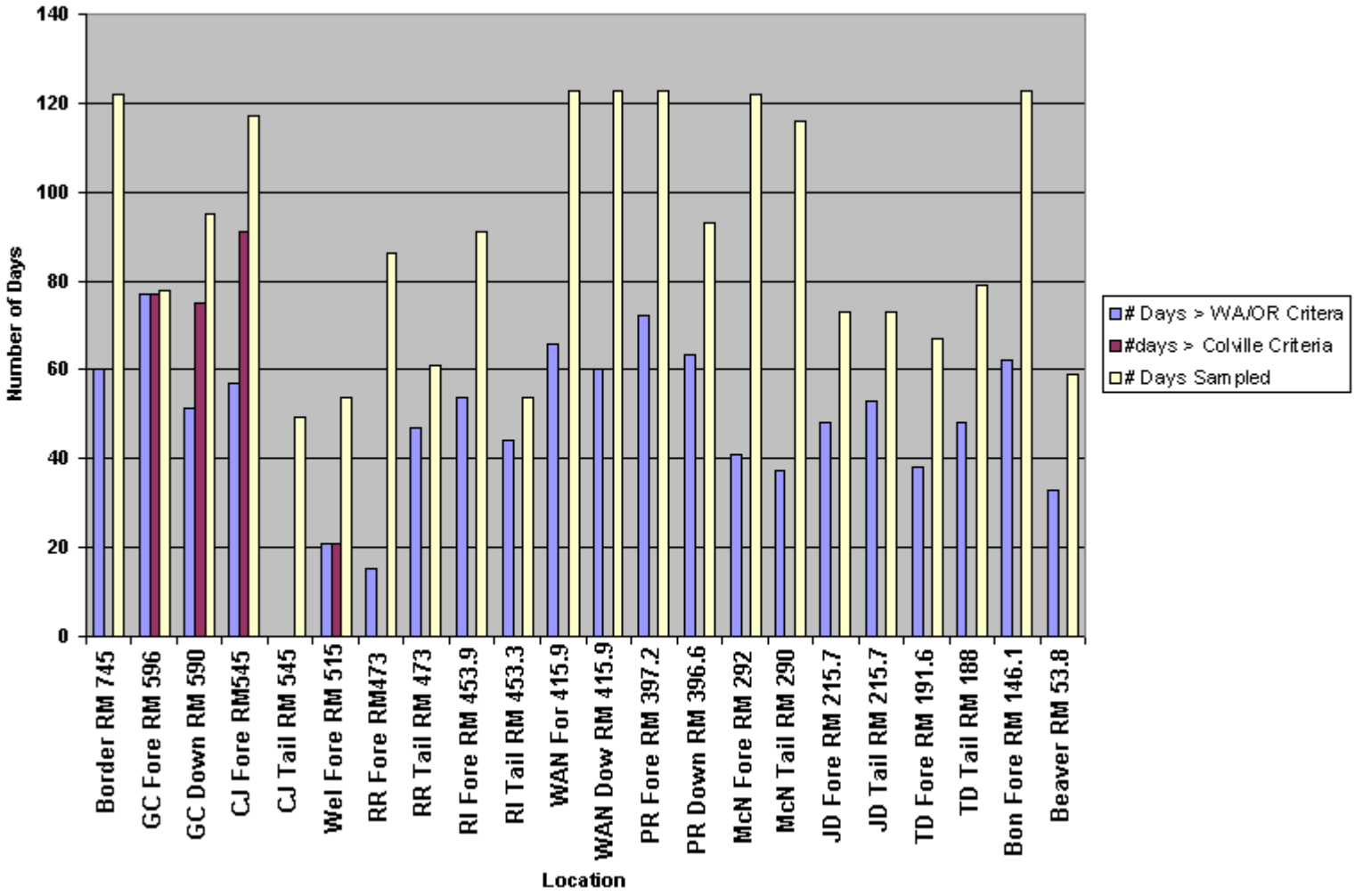

Figure 3-4. July Through October, 1997 - Number of days during which water temperature in the Columbia River exceeded water quality criteria in Washington, the Colville Reservation and Oregon and the number of days for which there are data. The Oregon criteria apply from river mile 309 to the mouth.

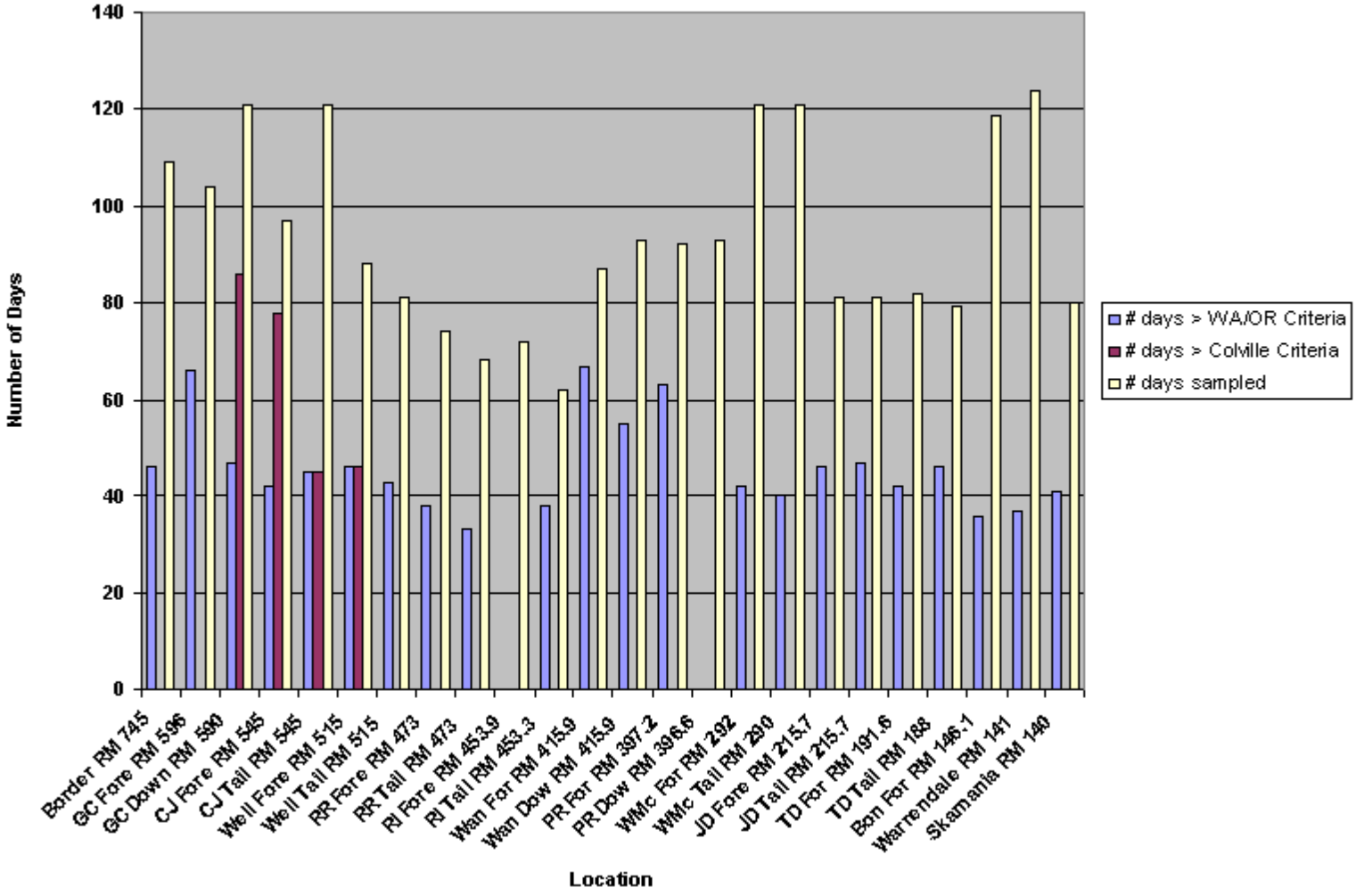

Figure 3-5. July Through October, 2000 - Number of days during which water temperature in the Columbia River exceeded water quality criteria in Washington, the Colville Reservation and Oregon and the number of days for which there are data. The Oregon criteria apply from river mile 309 to the mouth.

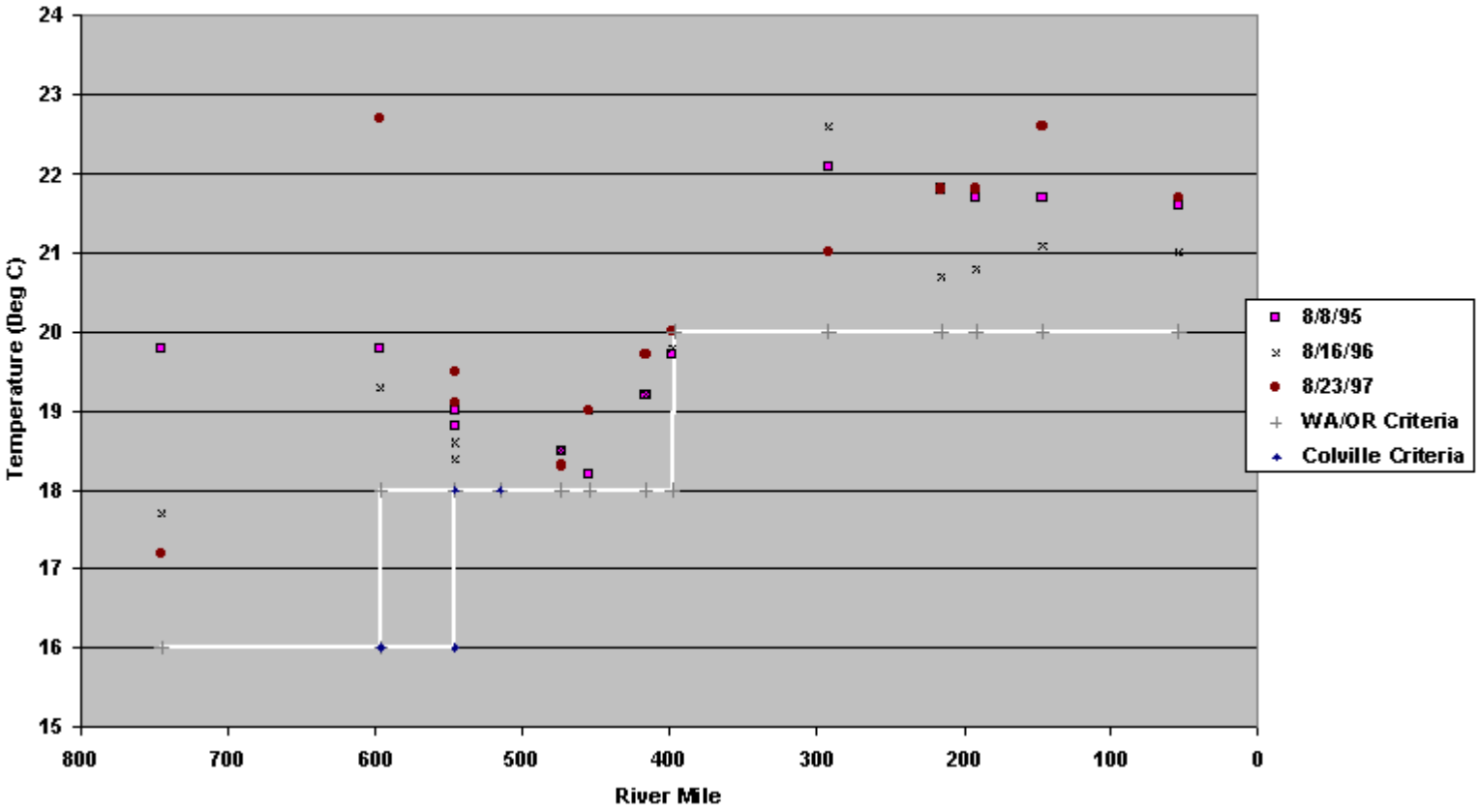

Figure 3-6. Water Temperatures along the Columbia River on August 8, 1995, August 16, 1996 and August 23, 1997 compared to Washington, Colville and Oregon water quality criteria. The sampling sites are the international boundary, the fore bays of all the dams and Beaverton, OR. The Oregon criteria apply from river mile 309 to the mouth.

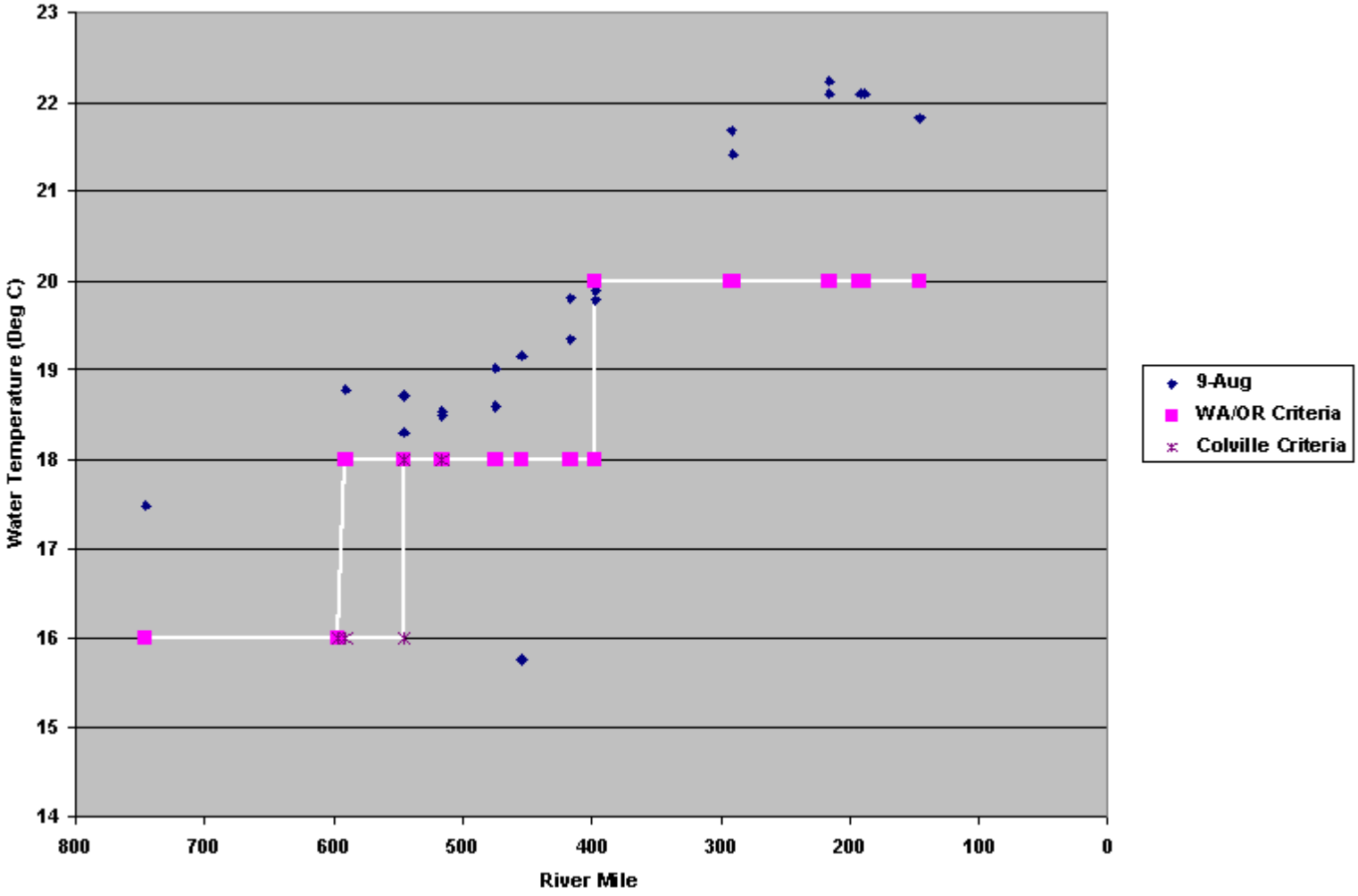

Figure 3-7. Water Temperature in the Columbia River on August 9, 2000 compared to Washington, Colville and Oregon water quality criteria. Sampling sites are the fore bays and tail races of the dams. The Oregon criteria apply from river mile 309 to the mouth.

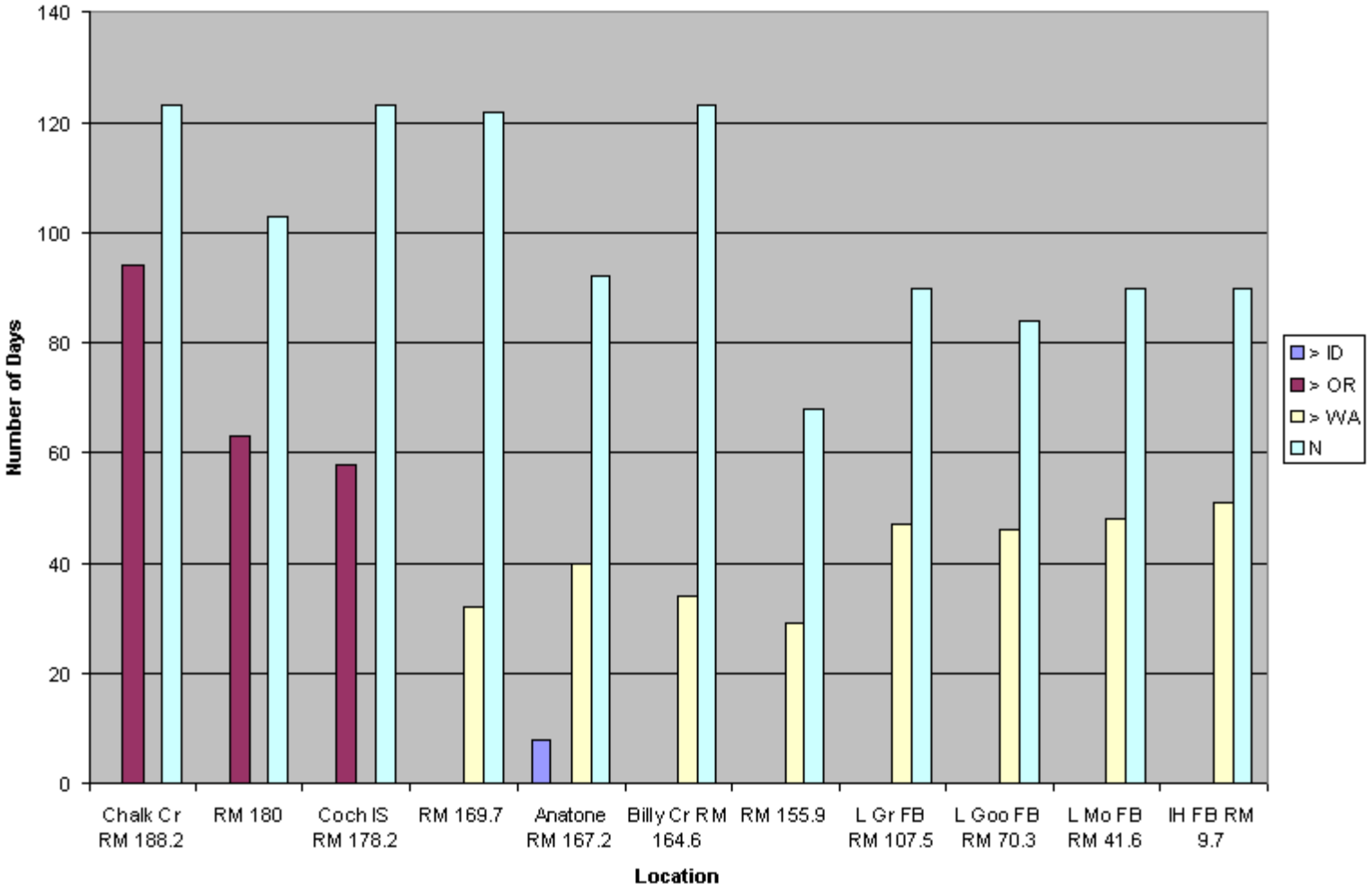

Figure 3-8. July through October, 1993 - Number of days during which water temperature exceeded Idaho, Oregon or Washington water quality criteria in the Snake River and the number of days for which there are data.